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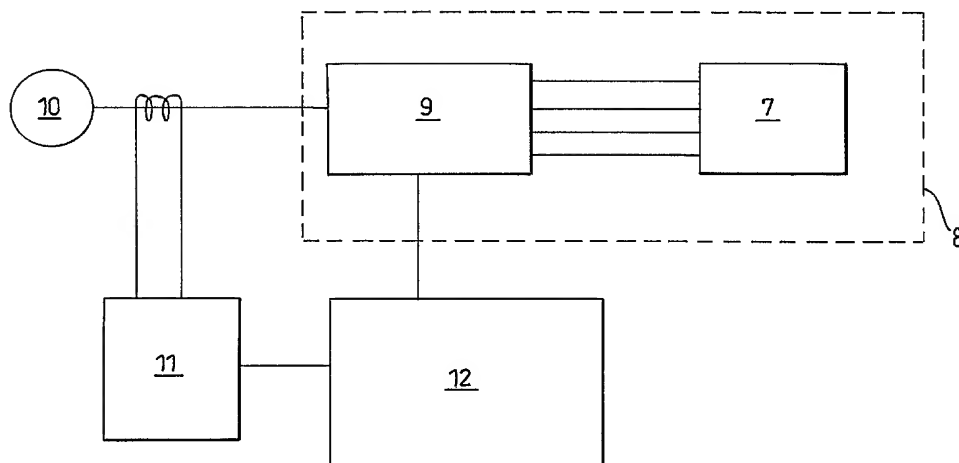
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(54) **Title:** CONTROL OF ELECTRICAL MACHINES



(57) **Abstract:** An electrical machine, such as a switched reluctance motor (7), has a rotor and at least one electrically energisable phase winding. A control map is derived during production, comprising a predetermined advance angle profile representing energisation of the phase winding with respect to angular position of the rotor over a range of rotor speeds. This is stored in memory in a controller (9), together with an angle correction factor to be applied to a predetermined portion of the advance angle profile. The angle correction factor compensates for the difference between a desired input power and the measured input power. The correction factor may be transmitted to the controller by means of radio frequency signals.

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